# Developer AI Scientist

## iNVESTi Pty Ltd

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**About us**

We are a fast-growing startup business focused on problem-solving, more specifically, your better choices for your investments. iNVESTi is driven by a pure desire to do place our customers on the same level as expert traders, without having to go through their years of training. We are continually evolving ourselves and leveraging the latest AI technologies to create elegant, innovative solutions across the financial sector.  iNVESTi empowers everyday Australians by providing customised, AI-enabled tools that have a meaningful impact on customers lives and outcomes in the financial markets.

Our goal is to empower everyday people to achieve their economic freedom, faster and cheaper through deep learning and utilising artificial intelligence to solve complex financial decisions in the stock market globally. We are excited by what is possible and where our innovations will lead - and we are just getting started!

**About your role**

The role of Developer AI Scientist will report to the Head of AI, is responsible for translating the latest artificial intelligence technology into a way to beat the market. Our AI Engineers work together with Application Developers, Testers, Cloud DevOps Engineers, Implementation Engineers and others in the diverse engineering teams.

This role is an exciting opportunity for a self-starter as a critical member of our Research & Development team, who is detail-oriented, results-driven and enjoys working in a fast-paced and supportive team environment.

Your enthusiasm for learning can be seen in the efforts to learn new tools and best practises, to stay ahead of the latest trends and to find new ways of improving continually. In return, we allow you to do meaningful work surrounded by like-minded colleagues and the opportunity to impact the lives of consumers and their families in a lifelong, positive way.

**What you’ll do:**

* Develop AI algorithms, prototypes and share market approaches for artificial intelligence, based on advanced machine learning;
* Optimisation of accuracy, delivery and rapid testing approaches;
* Practice agile methodology and best practises in software engineering with an emphasis on test-driven creation, rapid prototyping, validation and iteration;
* Provide regular technical and other progress updates related to projects, and ensure proper documentation of all progress;
* Benchmark the literature against and introduce state-of-the-art techniques and algorithms;
* Participate in AI competitions and contribute to research submissions by demonstrating the world-class research potential of INVESTi; and
* Be part of a culture of excellence-helping to address challenges as they occur, instituting a culture of best practice, honesty and resilience, and championing the iNVESTi project both internally and externally.

**What will help you succeed:**

* Extensive experience working closely with software development teams in the role of Machine Learning Engineering or other ML functions;
* Strong knowledge in Python, Tensorflow and Django;
* High academic qualifications in computer science,and/or quantum AI and comparable work experience in software engineering;
* SQL portfolio, or other ML ventures.

**An advantage to have (however not essential):**

* Experience with share market data and solutions;
* Practical experience in building, deploying and testing ML models in a product development context using software engineering best practices;
* Experience with AWS cloud development, edge deployment, and/or computer vision and natural language processing;
* Experience with a range of AI tools and techniques;
* PhD in ML or comparable experience in research; and
* Kaggle competition master (ranked in top 1%).

**Why you’ll enjoy working here**

You will be making a change in people’s lives! We are developing groundbreaking and cutting-edge AI innovations, implementing them across the equity market and the financial sector to help create an immediate, positive impact on the results and wealth of customers.

We are also believers in lifelong learning and will help you in enhance any path you want to progress your career.

We are a startup with a sense of community encouraging team activities and inclusive social gatherings; we celebrate milestones and take on great pride and responsibility for the work and impact we make.

Flexible working hours - we value work-life balance. We are also open to making this role fully remote if desired (based in either Melbourne, Brisbane or Perth).

We offer competitive remuneration - plus employee share options.

Beautiful and modern office space - located in the heart of Melbourne’s CBD at Southbank

**What’s next?**

If you want to make a change in people’s lives and this role sounds like an excellent fit for you, please apply online now, and we’ll review your application shortly.

**The application form will include these questions:**

Have you worked in a position that requests expertise with machine learning techniques?